



# Samsung SCH-3500 Logic Board Replacement

Installation of the logic board requires the use of a T6 Torx screwdriver and some manual dexterity.

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## TOOLS:

- [T6 Torx Screwdriver](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Battery



- Turn Samsung SCH3500 around so that the back is facing you. Depress locking tab on the back of the phone with a finger or thumb.

## Step 2



- Slide battery toward bottom of the phone, ~1/4 inch, to clear the hooks that keep it secured to the back of the phone.



### Step 3



- Lift battery away from phone case.
- The battery is now removed from the device. Congratulations.

### Step 4 — Antenna



- Grasp antenna firmly and rotate counterclockwise to unscrew it from the phone.

## Step 5



- When unscrewed, pull the antenna straight up and out.

## Step 6



- Pull guide tube free from its retaining ring and slide it out the top, like the antenna (optional).
- The antenna and its guide tube are now removed from the phone. Congratulations.

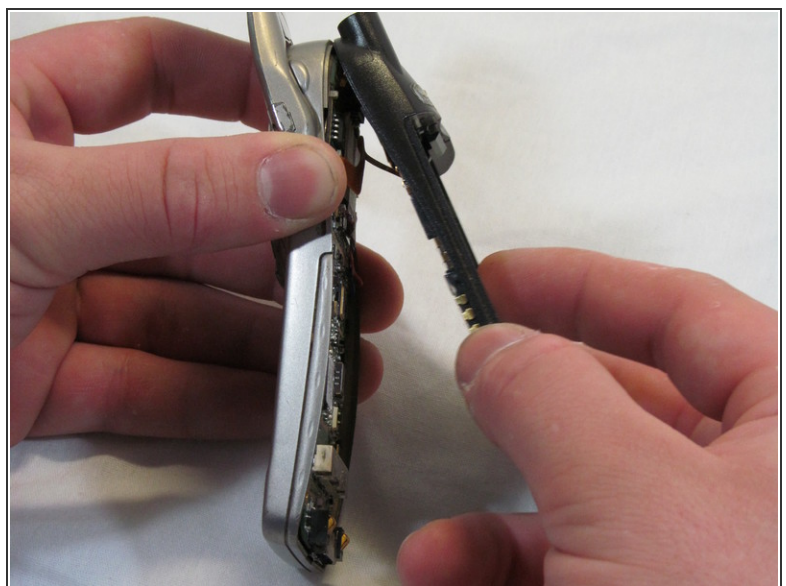


## Step 7 — Back Cover



- Remove the four screws using a T6 Torx screwdriver.

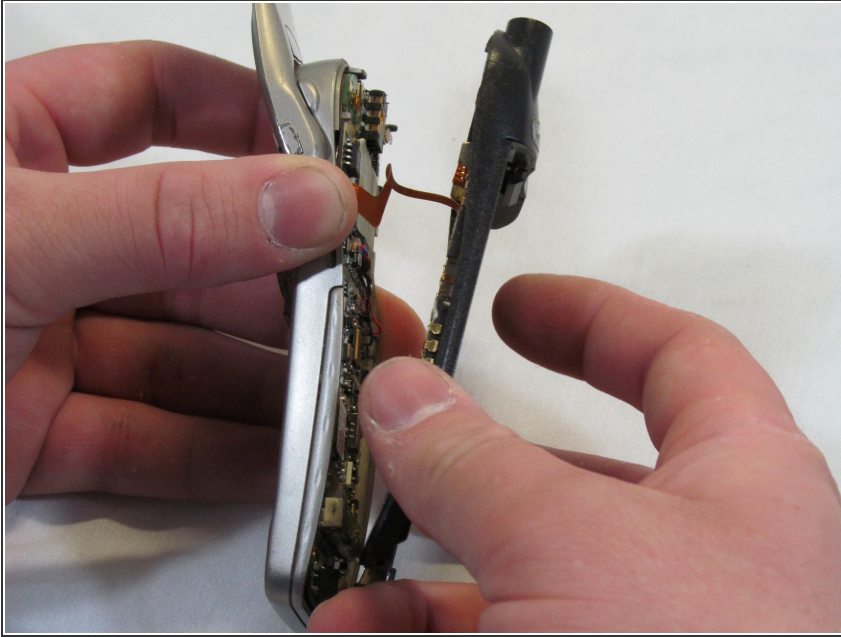
## Step 8



- Work from the bottom of the phone, separating the two halves of the case.

**i Note:** Take care to keep the logic board with the front case half. Part of the logic board is exposed to the sticker under the battery on the rear case half.

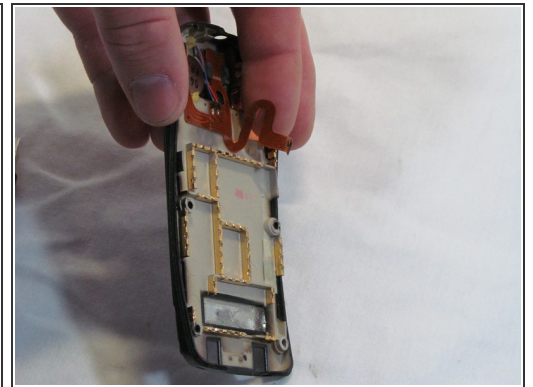
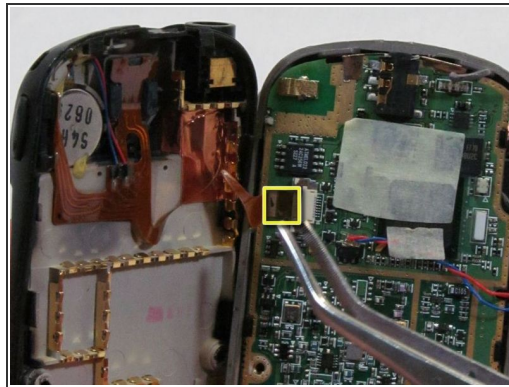
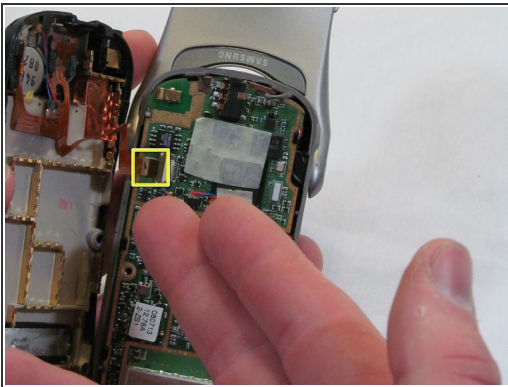
## Step 9



- Angle the rear case half away from the top of the front case half, pivoting the hooks out of their clasps.

**⚠ Caution:** Do not fully separate the halves. There is an antenna ribbon connected to the logic board from the back cover.

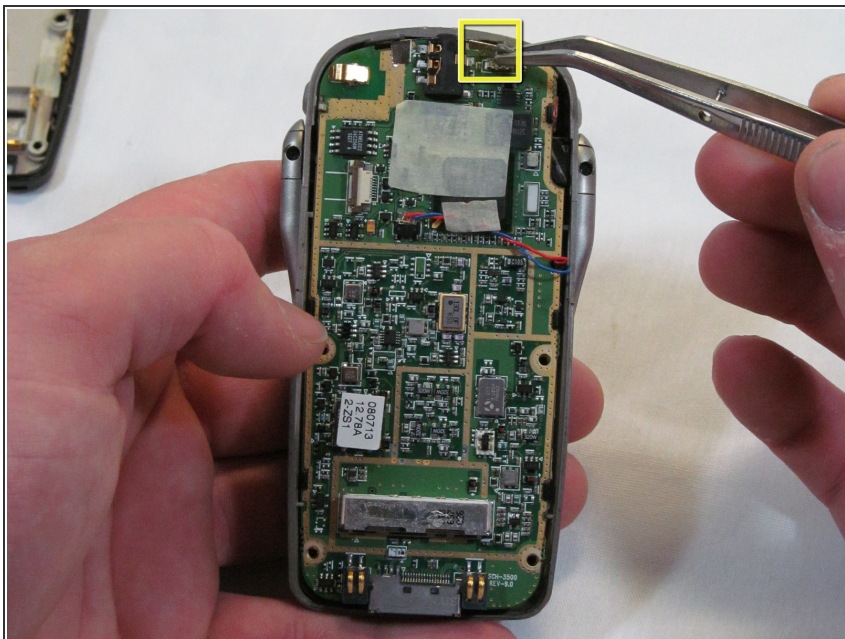
## Step 10



- Disconnect the antenna ribbon cable from the logic board at the Zero Insertion Force (ZIF) connector. The brown portion of the connector lifts up to release the cable end.
- The Back Cover is now removed. Congratulations.

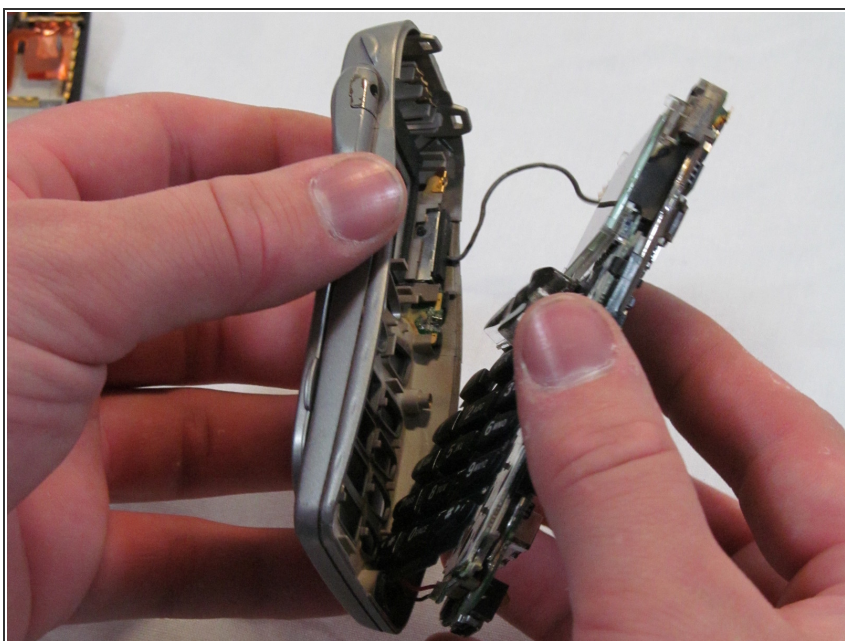


## Step 11 — Logic Board



- Remove the connector for the earpiece speaker, located on the upper end of the logic board.

## Step 12



- Turn the front cover over, gently prying the logic board away from the front cover. It will remain attached by two wires from the front of the board.



## Step 13



- Work the microphone out of its socket on the front cover; it will remain attached to the logic board, its wires are soldered.
- The logic board is now removed from the phone. Congratulations.

To reassemble your device, follow these instructions in reverse order.

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